

DERWENT-ACC-NO: 2002-247241

DERWENT-WEEK: 200248

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TITLE: Material for treating water containing heavy
metals such as arsenic and lead, consists of gel-like
material containing fixed iron hydroxide precipitate

PATENT-ASSIGNEE: MIYAMA CO LTD[MIYAN]

PRIORITY-DATA: 2000JP-0166737 (June 2, 2000)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
PAGES MAIN-IPC		
JP 2001340873 A	December 11, 2001	N/A
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APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE		
JP2001340873A	N/A	2000JP-0166737
June 2, 2000		

INT-CL (IPC): C02F001/62

ABSTRACTED-PUB-NO: JP2001340873A

BASIC-ABSTRACT:

NOVELTY - A material for the processing of water containing heavy
metals
consists of a gel-like material in which an iron hydroxide (III)
precipitate is
fixed.

USE - For the removal of heavy metals such as arsenic and lead from
waste
water, underground water and river water.

ADVANTAGE - The material simply and efficiently removes heavy metals
such as
arsenic and lead from water, even from water containing high
concentrations of

salts such as calcium salts. The material is simple to prepare.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: MATERIAL TREAT WATER CONTAIN HEAVY METAL ARSENIC LEAD
CONSIST GEL

MATERIAL CONTAIN FIX IRON HYDROXIDE PRECIPITATION

DERWENT-CLASS: A97 D15 E32

CPI-CODES: A12-W11J; D04-A01P; D04-B05; E11-Q02; E31-L; E34-D; E35-J; E35-U03;

CHEMICAL-CODES:

Chemical Indexing M3 *01*

Fragmentation Code

B133 C810 M411 M750 M904 M905 M910 N163 Q231 Q431

Q437 Q439

Specific Compounds

01667K 01667X

Registry Numbers

1667U

Chemical Indexing M3 *02*

Fragmentation Code

B133 B720 B825 B831 C710 C730 M411 M417 M750 M904

M905 N163 Q231 Q431 Q437 Q439

Specific Compounds

17717K 17717X

Chemical Indexing M3 *03*

Fragmentation Code

A382 C810 M411 M750 M904 M905 N163 Q231 Q431 Q437

Q439

Specific Compounds

07387K 07387X

Chemical Indexing M3 *04*

Fragmentation Code

A382 A940 A960 C710 C730 M411 M417 M750 M904 M905

N163 Q231 Q431 Q437 Q439

Specific Compounds

11234K 11234X

Chemical Indexing M3 *05*

Fragmentation Code

A426 A940 C101 C108 C550 C730 C801 C802 C804 C805

C807 M411 M730 M782 M904 M905 N163 Q231 Q431 Q437

Q439 Q508 R024

Specific Compounds